

Title (en)  
APPARATUS AND METHOD FOR ENCODING AND DECODING SIGNAL

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM CODIEREN UND DECODIEREN EINES SIGNALS

Title (fr)  
DISPOSITIF ET PROCEDE POUR CODAGE ET DECODAGE DE SIGNAL

Publication  
**EP 1984911 A4 20120314 (EN)**

Application  
**EP 07708513 A 20070118**

Priority

- KR 2007000305 W 20070118
- US 75962206 P 20060118
- US 79778206 P 20060503
- US 81792606 P 20060629
- US 84451006 P 20060913
- US 84821706 P 20060929
- US 86082206 P 20061124

Abstract (en)  
[origin: WO2007083931A1] Encoding and decoding apparatuses and encoding and decoding methods are provided. The decoding method includes extracting a plurality of encoded signals from an input bitstream, determining which of a plurality of decoding methods is to be used to decode each of the encoded signals, decoding the encoded signals using the determined decoding methods, and synthesizing the decoded signals. Accordingly, it is possible to encode signals having different characteristics at an optimum bitrate by classifying the signals into one or more classes according to the characteristics of the signals and encoding each of the signals using an encoding unit that can best serve the class where a corresponding signal belongs. In addition, it is possible to efficiently encode various signals including audio and speech signals.

IPC 8 full level  
**G10L 19/14** (2006.01)

CPC (source: EP KR US)  
**G10L 19/20** (2013.01 - EP US); **G10L 19/24** (2013.01 - EP US); **H04N 21/233** (2013.01 - KR)

Citation (search report)

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- See references of WO 2007083934A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007083931 A1 20070726**; AU 2007206167 A1 20070726; AU 2007206167 B2 20100610; AU 2007206167 B8 20100624; BR PI0707135 A2 20110419; CA 2636493 A1 20070726; EP 1984911 A1 20081029; EP 1984911 A4 20120314; EP 1989702 A1 20081112; EP 1989702 A4 20120314; EP 1989703 A1 20081112; EP 1989703 A4 20120314; JP 2009524099 A 20090625; JP 2009524100 A 20090625; JP 2009524101 A 20090625; KR 20080097178 A 20081104; KR 20080101872 A 20081121; KR 20080101873 A 20081121; MX 2008009088 A 20090127; TW 200737738 A 20071001; TW 200746051 A 20071216; TW 200746052 A 20071216; TW I318397 B 20091211; TW I333643 B 20101121; US 2009222261 A1 20090903; US 2009281812 A1 20091112; US 2011057818 A1 20110310; WO 2007083933 A1 20070726; WO 2007083934 A1 20070726

DOCDB simple family (application)  
**KR 2007000302 W 20070118**; AU 2007206167 A 20070118; BR PI0707135 A 20070118; CA 2636493 A 20070118; EP 07708510 A 20070118; EP 07708512 A 20070118; EP 07708513 A 20070118; JP 2008551187 A 20070118; JP 2008551188 A 20070118; JP 2008551189 A 20070118; KR 2007000304 W 20070118; KR 2007000305 W 20070118; KR 20087016356 A 20080704; KR 20087016357 A 20080704; KR 20087016358 A 20080704; MX 2008009088 A 20070118; TW 96102002 A 20070118; TW 96102003 A 20070118; TW 96102004 A 20070118; US 16116207 A 20070118; US 16116307 A 20070118; US 16116507 A 20070118